

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 2004/051837

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 1/00, H04H 1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04B, H04H, H04L, H04J, H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 20020016933 A1 (SMITH, D E ET AL), 7 February 2002 (07.02.2002), abstract --	1-28
P,X	GB 2399719 A (NOKIA CORP), 22 Sept 2004 (22.09.2004), page 3, line 23 - page 5, line 14; page 12, line 8 - line 12; page 13, line 10 - line 17 --	1-28
P,A	WO 2004079956 A1 (NOKIA CORP), 16 Sept 2004 (16.09.2004), page 3 - page 4 --	1-28
P,A	WO 2004079982 A1 (NOKIA CORP), 16 Sept 2004 (16.09.2004), page 3 - page 4 --	1-28

☐ Further documents are listed in the continuation of Box C.
 ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 9 February 2005	Date of mailing of the international search report 1-1 -02- 2005
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Anders Edlund /LR Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/01/2005

International application No.

PCT/IB 2004/051837

US	20020016933	A1	07/02/2002	US	6823470	B	23/11/2004
				AU	3495001	A	27/08/2001
				WO	0161909	A	23/08/2001
<hr/>							
GB	2399719	A	22/09/2004	GB	0306184	D	00/00/0000
				WO	2004084477	A,B	30/09/2004
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WO	2004079956	A1	16/09/2004	US	20050013274	A	20/01/2005
				WO	2004079982	A	16/09/2004
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WO	2004079982	A1	16/09/2004	GB	0306220	D	00/00/0000
				GB	0309093	D	00/00/0000
				US	20050013274	A	20/01/2005
				WO	2004079956	A	16/09/2004
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